

01/25/01

Please type a plus sign (+) inside this box → [+]
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

J682 U.S. 10
01/25/01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No. 081513.5 First Inventor Igor TKACHOV Title SYSTEM AND METHOD FOR THE APPLICATION OF AN LMS METHOD TO UPDATING AN ECHO CANCELLER IN AN ADSL MODEM Express Mail Label No. _____
---	---

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 14] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> [Total Sheets 3] 5. Oath or Declaration [Total Sheets 2] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 	

ACCOMPANYING APPLICATION PARTS

- | | |
|---|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> | 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i> |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> | 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |
| 17. <input type="checkbox"/> Other: _____ | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22204 <i>(Insert Customer No. or Attach bar code label here)</i>	or <input checked="" type="checkbox"/> Correspondence address below			
Name	NIXON PEABODY LLP 8180 Greensboro Drive, Suite 800				
Address					
City	McLean	State	VA	Zip Code	22102
Country	United States	Telephone	(703) 790-9110		Fax (703) 883-0370
Name (Print/Type)	Jason H. Vick			Registration No. (Attorney/Agent)	45,285
Signature				Date	25 Jan 01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

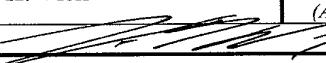
FEE TRANSMITTAL FOR FY 2001

*Patent fees are subject to annual revision.***TOTAL AMOUNT OF PAYMENT**

(\$908.00)

		<i>Complete if Known</i>	
Application Number	New Application		
Filing Date	January 25, 2001		
First Named Inventor	Igor TKACHOV		
Examiner Name	Unassigned		
Group Art Unit	Unassigned		
Attorney Docket No	081513-5		

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 19-2380</p> <p>Deposit Account Name Nixon Peabody LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English transaction</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>1131</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>Total Claims</td><td>31</td><td>-20** =</td><td>11</td><td>X 18 = 198.00</td><td></td></tr> <tr><td>Independent Claims</td><td>3</td><td>-3*** =</td><td>0</td><td>X 80 = 0.00</td><td></td></tr> <tr><td>Multiple Dependent</td><td></td><td></td><td></td><td>= </td><td></td></tr> <tr> <td>Large Entity Fee Code</td><td>Fee (\$)</td><td>Small Entity Fee Code</td><td>Fee (\$)</td><td>Fee Description</td><td>Fee Paid</td></tr> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="4">SUBTOTAL (2)</td><td>(\$198.00)</td><td></td></tr> <tr> <td colspan="6">* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$0.00)</td> </tr> </tbody> </table>				Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge – late filing fee or oath		127	50	227	25	Surcharge – late provisional filing fee or cover sheet		139	130	139	130	Non-English transaction		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	1131	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,240	241	620	Petition to revive – unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		Total Claims	31	-20** =	11	X 18 = 198.00		Independent Claims	3	-3*** =	0	X 80 = 0.00		Multiple Dependent				= 		Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$198.00)		* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$0.00)					
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																														
105	130	205	65	Surcharge – late filing fee or oath																																																																																																																																																																																																															
127	50	227	25	Surcharge – late provisional filing fee or cover sheet																																																																																																																																																																																																															
139	130	139	130	Non-English transaction																																																																																																																																																																																																															
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																															
113	1,840*	1131	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																															
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																															
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																															
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																															
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																															
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																															
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																																															
141	1,240	241	620	Petition to revive – unintentional																																																																																																																																																																																																															
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																															
143	440	243	220	Design issue fee																																																																																																																																																																																																															
144	600	244	300	Plant issue fee																																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																															
Total Claims	31	-20** =	11	X 18 = 198.00																																																																																																																																																																																																															
Independent Claims	3	-3*** =	0	X 80 = 0.00																																																																																																																																																																																																															
Multiple Dependent				= 																																																																																																																																																																																																															
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																															
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																															
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																															
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																																															
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																															
SUBTOTAL (2)				(\$198.00)																																																																																																																																																																																																															
* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$0.00)																																																																																																																																																																																																																			
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																																																			

SUBMITTED BY		<i>Complete (if applicable)</i>		
Name (<i>Print/Type</i>)	Jason H. Vick	Registration No. <i>(Attorney/Agent)</i>	45,285	Telephone 703-790-9110
Signature			Date 25 Jan 01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

NVA168740.1